0593

110+25 $\frac{95}{V}$ = E.C.

.17365
400
69.46000

34.2
33
16.5
18.2
18.2

.98481
400
39.392400

4° 52½' for B.S.

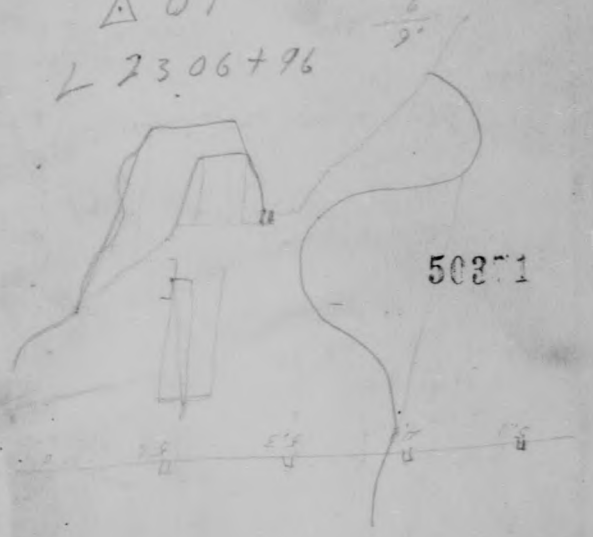
~~237150~~

2° 37½' for next

2° 51' for E.C.

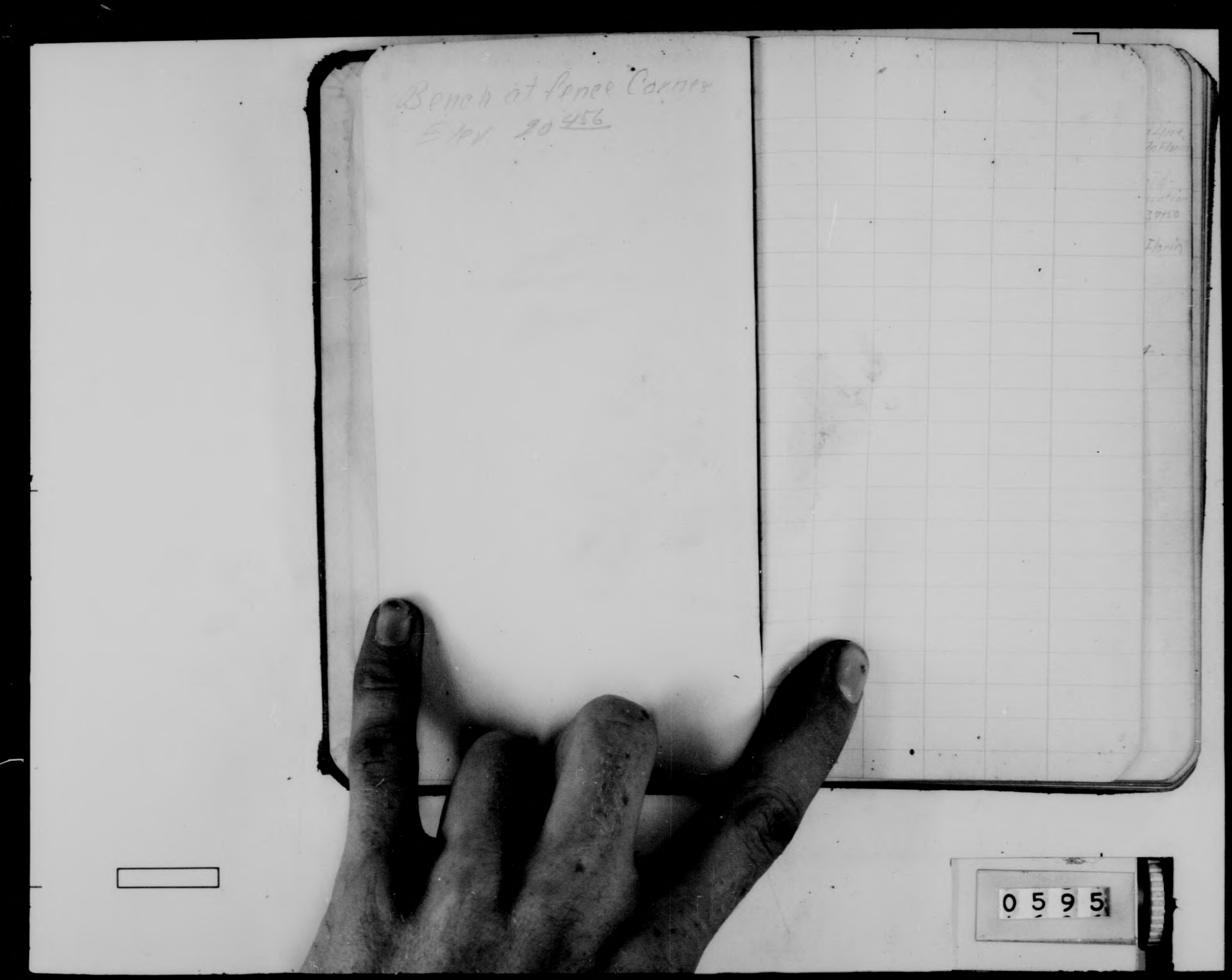
△ OT

L 23.06+96



50371

0594


Bench at fence Corner
Elev 20.456
0595

Index

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1

From 159+100 on E line to 651+24.2 on Main Line Brighton to Florin

From E.C. = 121+91.2 on E line to end of Swansons Field - beyond Equation

From 123+50 to 143+45.8 and from 149+39.5 to 137+50

From 31 to 75 and From 31 to 10. Brighton to Florin

From 468 to

p. 74.

50871

0596

Bench Marks Located

Pages	Line	Station	Dist from	Direct	Elev	Description
4-47	E	147	150	R	18.905	Plug at base of Tree
5	P	18+75	19	L	18.299	Plug at Fence
7	P	33+47	50	L	18.817	" " "
9	P	51+86	48	R	25.849	Nail on Top of Post in Fence
12	P	85+00	41	L	23.649	Plug at Fence 21' E from corner
14	P	104+65	50	L	25.340	Plug at Fence 7' R from corner
16	P	125+70	50	L	28.981	Plug at Fence
18	P	143+39	50	R	28.221	" " "
20	P	174+67	50	L	31.547	" " " E side Upper Stockton Road.
23	P	201+71	100	R	35.750	" " "
26	P	229+24	50	R	33.619	" " "
29	P	272+26	50	L	39.966	" " "
32-36-40	X+E	120	Across Road		20.000	On Cottonwood Tree opposite Green Wells place
33-36	X	111	Across Road		16.483	On Cottonwood stump opposite Saloon
37	X	100	Across Road		14.546	Plug at fence corner opposite pole = 5468.
37	X	89	Across Road		13.997	Plug at fence opposite pole = 5457.
38	X	57+29	24	R	14.498	Nail on root of cottonwood tree.
42	E	149+43				Plug at Fence corner on N side of Freeport Road.
47	E	121+70	20	R	39.258	Nail in base of dead Eucalyptus Tree

0597

Pages	Line	Station	Distance	Direction	Elev	Description
49	Malden Brighton 316 Bia	347+50	40	W	46.909	Plug at Telephone Pole. Elevation bottom from Base of Rail Uncertain whether correct.
56	"E"	475+90	50	L	9.927	Spike in 3' poplar tree.

0598

P Grading for P Line Preliminary

Sta	+S	HI	-S	Int	Elev
B.M.	3.061	21.966			18.905
T.P.	3.760	21.567	4.159		17.807
T.P.	4.583	21.789	4.361		17.206
T.P.	3.638	21.037	4.390		17.399
T.P.	4.637	21.714	3.960		17.077
1597+10.					
P0+00				5.2	16.5
P1+00				4.5	17.2
P2+00				4.4	17.3
P3+00				5.0	16.7
P4+00				5.4	16.3
T.P.	5.454	21.778	5.390		16.324
P5+00				4.6	17.2
P6+00				4.9	16.9
P7+00				4.6	17.2
P8+00				4.5	17.3
T.P.	5.303	22.563	4.518		17.260
P9+00				5.1	17.5
P10+00				4.4	18.2
P11+00				4.7	17.9
	30.436		26.778		

D. Butler - 2516 Bonita ave
E.E. Snell Western Hotel 4

Near 150 on right of sideline
Near 153 " " " "
Bet 1564 1567.50 " " "
Near 159 " " " "
Hay fields

3.5 R. from P. 4+00

4! R from P 8+00

△

0599

"D" . Preliminary

Sta	+S 30.43	H.I 22.563	−S 26.778	Int	Elev	
P12+00				4.1	18.5	
T.P.	4.384	22.825	4.122		18.44	4' R from P12+00
P13+00				4.4	18.4	
P14+00				4.7	18.1	
P15+00				5.0	17.8	
P16+00				5.7	17.1	
T.P.	4.720	22.069	5.476		17.349	4' R from P 16+00
P17+00				4.1	18.0	
P18+00				5.1	17.0	
B.M.				3.770	18.299	Plug 9' Left from △P.18+75 Under fence.
△P18+75				4.2	17.9	
P19+00				4.8	17.3	
P20+00				4.7	17.4	Fence
T.P.	5.282	22.831	4.520		17.549	6' Left from P. 20+00
P21+00				5.0 +	17.8	Pasture July 3
P22+00				4.6 −	18.2	
P23+00				4.5 +	18.3	
P24+00				4.5 +	18.3	
	44.822		$40.496			

0600

"P" Preliminary

Sta	+S	H.I.	-S.	Int	Elev	
	44.822		40.896			
P24+19		22.831		4.6+	18.2	Edge of Trench
P24+22				5.4-	17.4	Bottom of Trench
P24+26				3.8-	19.0	Bank of Trench 3' Wide
P 24+37				5.3	17.5	Fence
P 24+48				6.0-	16.8	In Road
P 25+00				5.4-	17.4	Middle of road
T.P.	5.158	22.425	5.564		17.267	on E. edge of road near P25+00
P25+42				5.2	17.2	E side of road near fence Lge pt
P 25+50				3.8-	18.6	Fence E side of road
P 25+58				4.9-	17.5	Gr. Field E of fence
P 26+06				5.0	17.4	Hay field
P 27+00				4.9-	17.5	
P 28+00				4.8+	17.6	
P 29+00				3.8	18.6	
T P	4.266	22.933	3.758		18.667	5' L from P 29+00
ΔP 30+00				5.20	17.73	
P 31+00				4.6-	18.3	
P 32+00				4.8	18.1	
P 33+00				4.8+	18.1	
	54.246		50.218			

0601

"P" Preliminary

Sta	+S	HI	-S	Int	Elev	
	54.241	22.933	50.218			
P.B.M.	4.356	23.173	4.116		18.817	50' along fence Left from △ 33+47 ±
P 33+45				4.3	18.9	Level grade
△P 33+47				3.93	19.24	ridge at fence
P 33+57				5.3	17.9	Level grade
P 34+00				4.9	18.3	Hay
P 35+00				5.4	17.8	
P 35+39				4.4	18.8	Fence
P 36+00				4.3	18.8	Grazing uncut wild oats
P 37+00				3.8	19.4	
P 38+00				4.7	18.5	Bottom of Slough
T.P.	5.959	24.521	4.611		18.562	5' L from 38+00
P 37+58				5.3	19.2	
P 38+40				5.4	19.1	
P 39+00				4.8	19.7	
△ 40+00				4.58	19.94	
P 41				4.6	19.9	
P 41+38				6.0	18.5	Slough
41+70				4.9	19.6	Bank of Slough
	64.561		58.945			

7

0602

"P" Preliminary

Sta	+S	H.I.	-S	Int	Elev	
	64.561	24.521	58.945			
P42+00				4.6	19.9	
P43+00				3.7	20.8	
T.P.	4.288	25.122	3.687		20.834	5' L from 43+00
44+00				4.3	20.8	
Δ45+00				4.43	20.69	
P45+80				4.3+	20.8	Bank of Slough
P46+00				5.7	19.4	Slough
P46+15				5.8	19.3	Bottom
P46+60				4.4	20.7	Bank of Slough
P47+00				4.2	20.9	
P47+20				4.7	20.4	
P48+00				3.9	21.2	
T.P.	5.810	26.942	3.990		21.132	5' L from 48+00
P49+00				5.0	21.9	
Δ50+01				4.73	22.21	
P51+00				4.5	22.4	
51+833				4.0	22.9	level
51+86				4.8	22.1	pitch
	74.659		66.622			

0603

"D" Preliminary

Sta	+S	H.I.	-S	Int		
P 51+88.6	74659	26.942	66,622	2.2	24.7	Fence Ridge
P51+93				6.1	20.8	Trench Fence ridge
P 51+96				3.4	23.5	Bank
P52+00				3.7	23.2	
PBM	1.667	27.516	1.093		25.849	On post 48' R from 51+88.6
P 53+00				5.1	22.4	Hay field
P 54+00				5.1	22.4	
P 55+00				5.12	22.40	
P 56+00				5.9	21.6	
P56+33				6.6	20.9	Centre of slough
P56+54				5.5	22.0	Edge of "
P57+00				5.6	21.9	
T.P.	4.373	26.396	5.493		22.023	5' L from 57+00
P 58+00				4.7	21.7	
P 59+00				5.0	21.4	
P 60+00				4.4	22.0	
P 61+00				5.1	21.3	
P 62+00				5.0	21.4	
TP	4.220	25.869	4.947 ~~4.747~~		21.649	5' L from 62+00
	4.919		77.955			

0604

TP	Preliminary					
Stn	+S	HI	-S	Int		
62+85	84.919	25.869	77.955	3.7	22.2	Edge of Slough
63				4.6	21.1	
63+30				5.0	20.9	Center of Slough
63+45				4.2	21.7	Edge of Slough
64+00				4.31	21.56	
64+85				4.1	21.8	Level grade near fence
64+90				2.5	23.4	Fence
65+00				4.7	21.2	Level grade in road
65+25				4.3	21.6	Middle of road.
65+50				5.5	20.4	Near fence line place
65+58				3.4	22.5	Fence.
65+61				5.1	20.8	
66+00				4.5	21.4	Level grade plowed ground
TP	4.562	25.871	11.560		21.309	5' L from 66+00
67+00				4.5	21.4	
68+00				4.7	21.2	
69+00				4.2	21.7	
70+00				3.6	22.3	
71+00				3.1	22.8	
	83.481		92.515			

0605

"P" Preliminary

Sta	+ S	H.I.	- S	I.H.T.	Elev
P	89 461	25.871	82.515		
T.P.	4.302	27.002	3.161		22.710
72+00				4.6	22.2
73+00				4.8	22.2
△ 74+00				4.88	22.12
74+00				4.3	22.7
75+00				4.0	23.0
76+00				3.7	23.3
T.P.	4.889	27.940	3.961		23.051
77+00				4.8	23.1
78+00				5.1	22.8
78+25				5.8	22.1
78+50				4.6	23.3
79+00				4.8	23.1
80+00				4.9	23.0
△ 81+00				3.99	23.94
TP	2.718	26.575	4.063		23.857
82+00				3.7	22.9
83+00				3.7	22.9
84+00				3.8	22.6
	101.390		93.720		

11

5' L from 71+00

Hub in hole

Ground grade

℄ Sink hole end of plowed ground.

Bank of sink hole

July 5

5' L from △ 81+00

0606

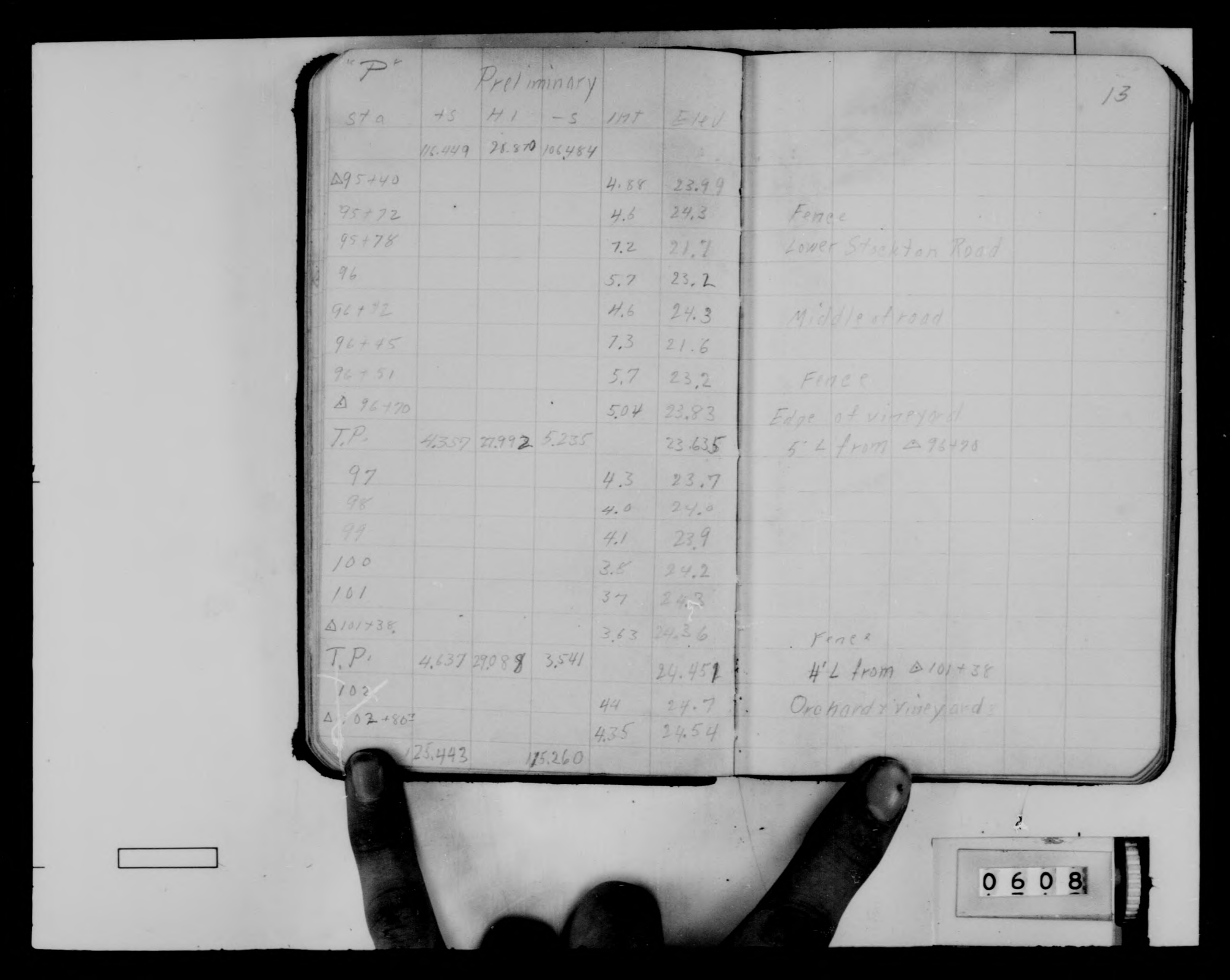
"P" Preliminary

Sta	+S	-41	-S	INT	Elev	
	101.390	26.575	93.720			
85+00				3.5	23.1	
86+00				3.2	23.4	
BM	4.276	27.925	2.926		23.649	41'L From 85+00 plug at Fence 2'E from Corner
87+00				4.1	23.0	
△ 87+86				4.15	23.78	
87+97				3.5	24.4	Fence allow 1' above grade 50' long
88+00				3.8	24.1	Pasture
89				5.2	22.7	
90				5.0	22.9	
TP	4.962	27.733	5.154		22.771	5'L from 90+00
91				4.6	23.1	
92				4.4	23.3	
93				4.4	23.3	
93+73				3.8	23.9	Edge of Slough
94				5.0	22.7	
95				4.8	22.9	
T.P.	5.821	28.870	4.684		23.049	5'L from 95+00
95+10				4.8	24.1	
	116.449		106.484			

0607

"P" Preliminary

Sta	+S	HI	-S	Int	Elev	
	115.449	28.870	106.484			
△95+40				4.88	23.99	
95+72				4.6	24.3	Fence
95+78				7.2	21.7	Lower Stockton Road
96				5.7	23.2	
96+32				4.6	24.3	Middle of road
96+45				7.3	21.6	
96+51				5.7	23.2	Fence
△ 96+70				5.04	23.83	Edge of vineyard
T.P.	4.357	27.992	5.235		23.635	5' L from △96+70
97				4.3	23.7	
98				4.0	24.0	
99				4.1	23.9	
100				3.8	24.2	
101				3.7	24.3	
△101+38				3.63	24.36	Fence
T.P.	4.637	29.088	3.541		24.451	4'L from △101+38
102				44	24.7	Orchard & vineyards
△102+80				4.35	24.54	
	125.443		115.260			



"P" Preliminary

Sta	+S	HI	-S	Int	Elev	
	25.943	29.088	15.260			
103				4.5	24.6	
104				4.7	24.4	
104+65.5				3.9	25.2	Fence
BM	4.306	29.646	3.748		25.340	50' L from 104+65.5 plug at fence
△ 105				4.85	24.80	17ft from corner R.
106				4.8	24.8	Gr Hay Field
107				4.7	24.9	
107+90				4.8	24.8	
108				6.0	23.6	
108+62				4.3	25.3	Fence
108+125.0				6.0	23.6	Plowed ground
109				5.9	23.7	
110				4.9	24.7	
T. P.	4.972	28.683	4.835		24.811	5' L from 110+00
111				3.9	25.0	
△ 112				4.60	24.28	plug in a hole to get solid
112				3.9	25.0	
113				4.1	24.8	
	33.821		23.143			

0609

"P" Preliminary

Sta	+s	H.I.	-s	int		
	133.821	28.883	123.843			
114				3.8	25.1	
115				3.8	25.1	
T.P.	4.720	29.73~~4~~	3.869		25.01~~4~~	5' ∠ from 115
116				4.1	25.6	
117				4.4	25.3	
118				3.7	26.0	
118+92				3.9	25.8	
118+97				4.9	24.8	
119				2.6	27.1	Fence
119+04				4.7	25.0	Pasture
119+16				3.6	26.1	
△120				4.24	25.49	
121				4.1	25.6	
T.P.	4.996	30.8~~7~~6	3.854		25.88~~7~~	5' ∠ from 121
122				4.6	26.3	
122+235				4.3	26.6	Fence
123				4.5	26.4	Hay Field
124				4.3	266	
	143537		131.566			

0610

"P" Preliminary

16

Sta	+S	HI	-S	Int	Elev	
	143.537	30.876	131.566			
125				4.1	26.8	
125+66				4.8	26.1	
125+70				2.4	28.5	Fence
BM	4.428	33.409	1.895		28.981	50' L from 125+70 plug near fence.
125+74				8.2	25.2	Grass Hay field
125+76				6.0	27.4	
126				6.3	27.1	
△127				5.15	28.26	Edge of vineyard
128				4.3	29.1	
129				5.3	28.1	129+30 garden begins
130				5.2	28.2	potatoes + mixed vegetables
TP	5.382	33.297	5.394		28.015	5' L from 136+60
131				5.1	28.3	
132				4.4	29.0	
△132+20				4.57	28.81	Road to 132+50
TP	3.628	33.404	3.621		29.776	86' from 132+60 Orchard
△132+92				3.83	29.57	
133				3.6	29.8	
	156.975		142.476			

0611

Preliminary

Sta	+s	HI	−s	H+	Elev.	
	156.975	33.404	142.476			
134				4.0	29.4	
△135				4.40	29.00	
T.P.	4.868	34.135	4.137		29.267	5' R from △135+00
△135+68				4.96	29.17	Alfalfa field begins 135+50
136				4.8	29.3	
137				4.8	29.3	
138				5.2	28.9	
139				5.0	29.1	
139+41				4.9	29.2	Fence
T.P.	4.115	33.302	4.948		29.187	5' L from 139+41
△140				3.73	29.57	Orchard
141				4.3	29.0	
142				4.8	28.5	
T.P.	3.685	32.405	4.582		28.720	Vineyard
143				4.5	27.9	5' R from 142+00
△143+03				4.52	27.88	Fence
143+19				4.3	28.1	
143+39				4.5	27.9	center of road
	169.643		156.143			Fence

0612

"P" Preliminary

Sta	+S	HI	-S	Int	Elev	
1	169.643	32.405	156.143			
BM	3.656	31.877	4.184		28.221	Way 5' along fence R from 143+39
144				4.1	27.8	Vineyard.
145				4.2	27.7	
146				4.3	27.6	
△147				3.35	28.43	
T.P.	5.053	33.465	3.465		28.412	5' R from △147+00
148				4.8	28.7	July 6
149				4.5	29.0	
150				5.1	28.4	
151				5.0	28.5	
152				4.9	28.6	
T.P.	5.330	33.583	5.212		28.253	5' R from 152+00
△153				5.34	28.24	
153+22 R				4.0	29.2	Fence
154				5.0	28.6	Pasture
155				3.6	30.0	
156				3.0	30.6	
157				3.2	30.4	
	183.682		169.004			

0613

"P" Preliminary

Sta	+S	H.I.	−S	Int	Elev	
	183.682	33.583	169.004			
TP	5.872	36.296	3.159		30.424	5th R from 157+06
158				5.5	30.8	
△158+22				4.43	31.87	
158+23.8				4.0	32.3	Fence
T.P.	4.243	35.250	5.289		31.007	vineyard to 159
159				4.2	31.1	Garden
160				4.8	30.5	
161				4.1	31.2	
T.P.	4.941	36.213	3.978		31.272	Garden ends 161+70
162				4.3	31.9	House 162+11 To 162+21
T.P.	4.571	36.355	4.429		31.784	4th R from 162+06 young orchard
163				4.9	31.5	
164				4.8	31.6	
164+03.5				4.9	31.5	Fence
△164+64.2				4.68	31.68	N.G. Hay fields
165				5.0	31.4	
166				4.7	31.7	
167				5.1	31.3	
	203.309		185.859			

0614

"P" Preliminary

Sta	+S	HI	-S	INT	Elev
	203809	36.355	165.859		
T.P.	4.299	35.774	4.880		31.475
168				4.3	31.5
168+36				3.5	32.3
169				4.9	30.9
170				5.1	30.7
△ 170+13.4				4.27	31.50
171				5.0	30.8
TP	5.087	35.830	5.031		30.743
172				4.4	31.4
173				4.7	31.1
173+79.2				5.2	30.6
174				7.3	28.5
174+24				5.7	30.1
174+40				6.7	29.1
174+67.5				4.5	31.3
BM	4.288	35.835	4.283		31.547
175				4.5	31.3
176				4.7	31.1
	216.983		200.053		

20

5' ℄ from 167+00

Fence
Road
Pasture

5' ℄ from 171

Fence
Upper Stockton Road
Center of road

Fence
On E. Side Stockton Road 50' ℄ from 174+67.5 Pivot of fence
Pasture

0615

P — Preliminary

Sta.	+S	H.I.	−S	Hft	Elev	
—	216.983	35.835	200.053			
177				4.5	31.3	
176				5.3	30.5	
△179				5.62	30.22	
T.P.	4.590	34.847	5.578		30.257	5'L from △179
180				4.4	30.4	
181				4.8	30.0	
181+30				4.5	30.3	Edge of slough
181+60				6.1	28.7	
182				5.0	29.8	Edge of Slough
183				4.9	29.9	
184				4.7	30.1	" July 7: 1906
TP	5.366	35.617	4.596		30.251	5'L from 184
185				5.4	30.2	
185+83.5				4.6	31.0	Fence
△186				5.27	30.35	Pasture
187				5.5	30.1	
188				5.8	29.8	
189				5.8	29.8	
	226.939		210.227			

0616

Preliminary

"P" Sta	+S	H.I.	-S	Int	Elev	
	226.939	35.617	210.227			
T.P.	4.947	35.041	5.523		30.094	5'L from 189
190				5.1	29.9	
191				5.3	29.7	
192				4.9	30.1	
193+94				4.0	31.0	Fence
193				4.0	31.0	Pasture
194				3.55	31.49	
T.P.	4.761	36.351	3.451		31.590	5'L from 194
194+36.6				4.7	31.7	Fence
195				4.3	32.1	Strawberry patch in pie-shape
196				4.9	31.5	
197				4.3	32.1	
198				3.2	33.2	
198+80				3.4	33.0	
T.P.	5.669	38.611	3.409		32.942	Edge of vineyard 84'R from 198+80
199				5.3	33.3	
200				4.1	34.5	
T.P.	3.617	37.601	4.627		33.984	
	245.933		227.237			

0617

7"

Preliminary

Sta	+S	HI	-S	Int	Elev	
	245.933	37.601	227.237			
201				2.1	35.5	
BM	3.276	37.026	1.851		35.750	100' along fence R from 201+71
201+65				3.5	35.5	Fence
201+71				2.3	36.7	Fence
201+74				5.2	33.8	
201+79				3.6	35.4	Pasture
202				4.0	35.0	
202+752				4.2	34.8	Fence
203				4.2	34.8	Orchard
204				4.0	35.0	
205				4.1	34.9	
T.P.	5.871	40.755	4.142		34.884	5' R from 205
206				5.1	35.7	
207				3.4	37.4	
208				2.8	38.0	
TP	3.182	40.958	2.979		37.776	
209				4.5	36.5	
209+61				5.2	35.8	
	258.262		236.209			

0618

P

Preliminary

Sta	+s	HI	−s	int	elev	
	258.262	410.958	236.209			
209+63				4.1	36.9	
209+66				4.9	36.1	centre of ditch
209+69				4.2	36.8	
209+72				5.0	36.0	
210				5.9	35.1	
T.P.	3.142	37.684	6.416		34.542	
211				3.4	34.3	
212				4.2	33.5	
212+60				4.2	33.5	Fence
213				3.7	34.0	Vineyard
T.P.	5.109	40.551	2.242		35.442	
214				5.2	35.4	
215				3.0	37.6	Vineyard ends. Plowed ground
215+92.3				3.7	36.9	Fence
216				3.9	36.7	Potatoes
217				4.5	36.1	July 8 1906
TP	6.011	42.241	4.321		36.230	Barn at 217+15 to 217+65
218				4.9	37.3	Shed + pig pen 217+89 To 218+19
	272.524		249.188			

0619

"P" Preliminary

Sta	+S	HI	-S	Int	Elev	
	272.524	42.241	249.188	~~249.188~~		
TP	6.644	46.025	2.860		39.381	
219				5.5	40.5	Col Road at 219+40
220				3.7	42.3	Berry patch 220+15 to
T.P.	5.442	48.389	3.078		42.947	
221.				4.6	43.8	Shed 221+38 E to 221+54 Road 221+66
222				4.7	43.7	Road patch 221+76
T.P.	3.634	46.975	5.048		43.340	
+ 222+52 E				3.5	43.5	Fence
△ 222+63 E				4.06	42.92	Potatoes
223				4.3	42.7	
224				8.0	39.0	Vineyard 223+80
TP	2.565	42.172	7.368		39.607	
225				3.4	36.8	
226				7.2	35.0	Edge of Vineyard
T.P.	3.226	38.239	7.199		34.973	5' R from 226
227				4.2	34.0	Hay
228				4.3	33.9	
△ 228 +76 E				4.45	33.79	
	294.075		274.741			

0620

"P" Preliminary

Sta	+S	HI	-S	In	Elev	
	294.075	38.239	274.741			
229				4.7	33.5	
229+24				4.6	33.6	Fence
BM	4.429	37.748	4.620		33.619	50' along fence R from 229+24 Joint
230				4.0	33.7	Hay field
231				4.1	33.6	
232				4.1	33.6	
233				3.8	33.9	
234				3.7	340	
T.P.	4.109	38.260	3.597		34.151	54 from 234
235				4.4	33.9	
236				4.3	34.0	
237				4.35	33.91	
238				4.1	34.2	
239				38	34.5	
T.P.	4.818	39.199	3.879		34.381	5'L from 239
240				4.9	34.3	
241				4.2	35.0	
242				4.1	35.1	
	307.131		286.839			

26

0621

"P" Preliminary

Sta	+S	HI	-S	Int	Elev	
	307.131	39.199	246.237			
243				3.7	35.5	
244				3.1	36.1	
TP	5.505	41.693	3.011		36.188	5 ft L from 244
245				5.2	36.5	
246				4.9	36.8	
△ 247				4.34	37.35	
248				4.5	37.2	
249				4.7	37.0	
TP	3.654	40.599	4.748		36.945	5' L from 249
250				3.7	36.9	
250+89				4.2	36.4	Fence
251				4.4	36.2	Pasture
252				4.3	36.3	
253				3.3	37.3	
254				3.3	37.3	
T.P.	4.762	42.068	3.293		37.306	5' L from 254
255				4.6	37.3	
△ 256				4.84	37.23	
	321.052		297.889			

0622

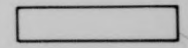
"P" Preliminary

Sta	+S	HI	−S	int	Elev	
	321.052	42.068	297.889			
257				5.6	36.5	Slough
258				5.0	37.1	
259				5.4	36.7	
TP	5.339	42.331	5.276		36.792	5'L from 259
260				5.0	37.3	
261				5.5	36.8	
262				5.5	36.8	
262+85				3.7	38.6	
263				4.9	37.4	
263+25				4.8	37.5	Slough
263+55				3.3	39.0	
263+85				4.5	37.8	
264				4.6	37.7	
T.P.	5.430	43.308	4.453		37.878	5'L from 264
265				4.63	38.78	
265+20				4.2	39.1	
265+47				5.7	37.6	Slough
265+75				4.6	38.7	
	332.021		307.618			

0623

"P" Preliminary

Sta	+S	H I	-S	Int	Elev	
	332.021	413.308	307.618			
266				5.6	37.7	Slough
267				4.3	39.0	
267+30				4.3	39.0	
267+5[illegible]				5.6	37.7	Slough
267+77				4.2	39.1	
268+00				4.2	39.1	
268+73				4.2	39.1	
269				5.1	38.2	Slough
J P	6.097	44.354	5.051		38.257	5'2 from 269
269+20				5.0	39.4	
269+80				6.4	38.0	Slough
270				5.3	39.1	
271				4.8	39.6	
271+56				6.0	38.4	Slough
272				4.6	39.8	
272+26				4.4	40.0	Fence
BM	5.922	45.288	4.388		39.966	50' along fence 2 from 272+26 to 269
272+67				7.1	38.8	Borrow Pit.
			317.057			





"P" Preliminary

Sta	45	41 - 5	Int	Elev
Sta	-	45.888		
372 · 77[illegible]			2.87	43.02

P.I.

Base of rail on Main Line Brighton To Florin To tie in P Line

PBM	46.140	6.174		39.966
0+16			3.11	43.03
0+49			3.13	43.01
0+82			3.12	43.02
1+15			3.18	42.96
1+48			3.11	43.03
1+81			3.18	42.96
2+14			3.20	42.93
2+47			3.22	42.92
2+80			3.25	42.89
3+13			3.26	42.88
0+17			3.09	43.05
0+50			3.15	42.99
0+83			3.19	42.95
1+16			3.21	42.93

uptrack from PI for grade

Down track toward Brighton from PI.

0625

"P" Base of Rail Main Line Brighton to Florin
to tie in P Line

Sta	+S	HI	-S	Int	Elev
		46.140			
1+49				3.27	42.87
1+82				3.31	42.83
2+15				3.37	42.77
2+48				3.52	42.62
2+81				3.49	42.65
3+14				3.553	42.59
T.P.	2.482	45.024	3.598		42.542
T.P.	2.805	44.645	3.184		41.840
Base of Rail Cattleguard			2.75		41.90
Tie 2			2.75		41.90
Tie 3			2.74		41.91
Tie 4			2.74		41.91
Tie 5			2.73		41.92
Tie 6			2.73		41.92
Tie 7			2.74		41.91
Tie 8			2.73		41.92
Tie					

133A. 34 1/2 rods toward Brighton
from PI = 27+77.36 = 1123.25

0626

"X" Stationing continued backward from E Line at point of intersection.

Sta	+s	H.I.	-s	Int	Elev
B.M.	2.727	22.727			20.000
T.P.	4.462	22.942	4.247		18.480
E.C. 121+94.22				5.29	17.65
121				4.62	18.32
120				4.76	18.18
B.M.	2.364	22.364			20.000
△ 119+04.87				4.27	18.09
119				4.37	17.99
118				4.50	17.86
117				4.73	17.63
116				5.22	17.14
115				5.20	17.16
T.P.	4.164	21.678	4.850		17.514
114				4.60	17.08
113				4.66	17.01
112				4.75	16.93
△ 111+72.63				4.68	16.99
111+50				4.81	16.87

July 10 1906 Bottler Snell. 32

On Cottonwood tree opp. Groeneveld's place

E.C.

On ground

on ground opp Groeneveld's Saloon

center of track

Top on rail (119+00 – 82+83)

" " "

From Level Book #9

Elev base rail Elec. Ry

End of track 18.00

Pt. opp. 121+69.22 17.90

Pt. 50' N. of 4 + 11 17.85

B.C.

0627

"X" Sta	+S	HI	-S	Int	Elev
		21.678			
111				4.90	16.78
B.M.			5.244		~~16.434~~
for clock on B.M.					
B.M.	1.940	21.940			20.000
T.P.	3.556	20.968	4.528		17.412
BM	4.464	20.927	4.510		~~16.458~~
110+50				4.21	16.72
△ 110+25.95				4.21	16.72
110+				4.34	16.59
109				4.72	16.21
108				5.09	15.83
107				5.22	15.71
106				5.40	15.53
T.P.	4.010	19.775	5.162		15.765
105				4.42	15.36
104				4.58	15.20
103				4.66	15.12
102				4.74	15.04

on Cottonwood stump on E side of road opposite 111+ and saloon. see page 36

E.C.

0628

"X"

Sta	+S	HI	-S	int	Elev
		19.775			
101				4.81	14.97
100				4.81	14.97
T.P.	4.821	19.639	4.957		14.818
99				4.67	14.97
98				4.58	14.76
97				5.06	14.58
96				5.06	14.58
95				5.05	14.59
T.P.	3.649	18.621	4.667		14.972
94				4.23	14.39
93				4.43	14.19
92				4.78	13.84
91				4.80	13.82
90				4.75	13.87
89				4.67	13.95
TP	4.292	18.533	4.360		14.241
88				4.64	13.89
87				4.57	13.96

0629

"X"

Sta	+S	HI	-S	Int	Elev	
		18.533				
86				4.68	13.85	
85				4.63	13.85	
84				4.59	13.94	
TP	4.210	18.219	4.524		14.009	
83				4.12	14.09	
△82+83				4.19	14.03	Turn for Slaughter house & R.
~~X~~ 82+50				4.22	14.00	Edge of road
82+29.54				5.3	12.9	Fence
82				5.8	12.4	
81				5.6	12.6	
80				5.3	12.9	
T.P.	6.831	19.728	5.322		12.897	5' ∠ from 80. ~~Prof. Hitt locates driveway at~~ S.H.
TP	4.314	22.642	1.200		18.528	driveway at Slaughter house
				.255	22.387	Outer edge of loading floor
				000	22.642	Inner edge of " "
TP	4.170	17.067			12.897	5' ∠ from 80
79				2.8	14.3	Slaughter House
78				5.1	12.0	Scale

0630

"X"

Sta	+S	HI	-S	Int	Elev	
		17.067				
77+80				8.3.	8.8	Bottom of drainage Canal.
77				4.6	12.5	
76				4.0	13.1	
75				2.7	14.2.	
To establish Bench Marks						July 12 1906
BM	2.341	22.341			20.000	
T.P.	4.222	21.840	4.723		17.618	
B.M.	+3		5.366		16.474	on
T.P.					~~17.642~~	
B.M.	2.509	22.509			20.000	
	4.269	21.496	5.282		17.227	
			5.013		16.483	on cotton wood stump see page 33

0631

X Sta	+s	H.I.	-s	int.	Elev	
BM	4.135	20.618			16.483	
T.P.	3.943	19.733	4.828		15.790	
TP				4.915	14.818	for Check
B.M.	4.830	19.486	5.157		14.596	At fence corner on E. side of road opp pole # 5468.
T P	3.567	18.647	4.326		15.080	plug - nearly opposite Sta 180.
T P				4.438	14.214	for Check
B M			4.670		13.977	At fence on E of road opposite Sta 89+ pole # 5459. plug in ground. H.W. 11 at 25 1907 El 14.00
		July	13	1906		
T P	3.731	16.628			12.897	s'L Opp Sta X 80
T P	3.571	17.588	2.611		14.017	s'R from " X 75
74				4.8	12.8	
73				4.7	12.9	
72				4.84	12.75	
71				5.0	12.6	
70				5.3	12.3	
69				5.7	12.4	
T P	4.131	16.791	4.928		12.660	s'R from 69

0632

"X" Sta	+S	HI	-S	int	Elev	
		16.791				Pasture
68				4.5	12.3	
67+03				4.1	12.7	Fence
67				4.4	12.4	Pasture
66				4.5	12.3	
△ 65				4.11	12.68	
64				4.3	12.5	
63				4.1	12.7	
T.P.	4.048	17.228	4.011		12.780	5' R from 63
62				4.3	12.9	
61				4.1	13.1	
60				4.3	12.9	
59				4.4	12.8	
58				4.4	12.8	
N 57+31				3.95	13.28	
57+29				3.4	13.8	Fence
BM			2.730		14.498	On root of cottonwood tree 24' Right from 57+29 on E side of fence

0633

Levels From Sta 119 to end of Track

"X" Sta	+S	HI	−S	Int	Elev	
BM	2.980	22.980			20.000	
119=00				4.98	18.00	
1+00				4.88	18.10	Down track 100 ft from 119
2+00				4.77	18.21	" " 200 ft " 119
21				4.59	18.39	End of Track

0634

July 14

E Sta	E Line +S	HI	-S	Location Int	Elev	
B.M.	2.799	22.799			20.000	
T.P.	3.805	22.660	3.944		18.855	
123+50				4.1	18.6	W side of Riverside Road
123+75				3.9	18.8	Centre of road
124				4.5	18.2	E side of road Fence 124+10
T.P.	3.216	22.117	3.759		18.901	Uncultivated Hops
124+50				3.1	19.0	
125				3.4	18.7	
125+50				4.2	17.9	
126				4.5	17.6	
126+50				5.0	17.1	
127				4.8	17.3	
127+50				5.2	16.9	Fence 127+
128				4.7	17.4	
128+50				4.7	17.4	
T.P.	4.004	21.275	4.851		17.266	
129				4.0	17.3	
50						Skipped

Connect to Level Book #2 page 38

0635

E	Location				
Sta	+s	H1 - S		Int	E to1
		21.275			
130				4.2	17.1
+50				4.4	16.9
131				4.4	16.9
+50				4.8	16.5
132				5.4	15.9
+50				5.7	15.6
133				6.5	14.8
+50				6.7	14.6
T. P.	2277	16.454	7.099		14.176
134				1.9	14.6
50				2.8	13.7
135				3.1	13.4
50				3.7	12.8
136				4.1	12.4
50				4.3	12.2
137				4.3	12.2
50				4.5	12.0
138				5.0	11.5

Fence 133+35.6
/
Beam & garden

Copied from Level Book #9 Page 38

0636

E Sta	Location +S	HI	-S	Int	Elev
		16.454			
138+50				5.3	11.2
139				5.6	10.9
50				6.2	10.3
140				6.4	10.1
140+58				6.9	9.6
T.P.	3.216	3.064	6.906		9.848
141				3.1	16.0
50				3.6	9.5
142				3.8	9.3
50				3.9	9.2
143				4.3	8.8
458				4.6	8.5
BM	6.370	26.926			20.456
149+295				9.9	16.9
149+50					
150				4.7	22.1
50				1.6	25.2

42

July 17 1906

At fence corner near D 149+482

Fence

Road skipped

149+913 Fence

Copied from Level Book #9 page 38

0637

E	Location				
Sta	+S	HI	S	Tot	Elev
	6370	26.826			
TP	5.216	31.038	1.004		25.822
151				4.1	26.9
50				3.7	27.4
152				4.2	26.8
50				4.7	26.3
153				4.5	26.5
50				4.3	26.7
154				3.0	28.0
50				2.3	28.8
T.P.	4.390	33.193	2235		28.803
155				3.9	29.3
50				4.3	28.8
156				4.7	28.5
50				5.4	27.8
157				5.5	27.7
50				5.3	27.9
157+70.6				4.8	28.3
158+00				4.7	28.5
	15.976		3.239		

6' R 150+50

Fence 151+56.4

" 152+5 Fence 152+8

Fence 153+06.3

Fence 154+24 + 154+36

5' R from 154+50

Fence 156+83

CC 157 70.6

Copied from Level Book #11 page 58

0638

E Location

Sta	+S	HI	-S	Int	Elev
	15.976	33.193	3.239		
158+30 ℄				4.1	29.1
60 ℄				3.7	29.5
90 ℄				3.4	29.8
159+20 ℄				3.9	29.3
50 ℄				4.3	28.9
159+80 ℄ = 114+67.2				4.9	28.3
115				5.2	28.0
50				7.1	26.1
T.P.	11.246	37.210	7.229		25.964
116				12.6	24.6
50				13.5	23.7
117				11.7	25.5
50				9.7	27.5
118				7.4	29.8
50				5.3	31.9
119				3.3	33.9
50				1.8	35.4
120				0.5	36.7
	27.222		10.468		

E.C.

5' R from 115+50

Copied from Level Book #8, page 43

0639

Sta	+S	HI	-S	Int	Elev	
E	Location					
	27.222	37.210	10.468			
T.P.	7.559	43.610	1.159		36.051	12.97 R from 120
120+50				6.8	37.8	Pasture
121				5.1	38.5	
50				4.9	38.7	
122				4.6	39.0	
50				4.5	39.1	
123				4.2	39.4	
50				3.3	40.3	
124				2.9	40.7	On hub
124				2.3	41.3	On Ground fence = 124+10
50				2.3	41.3	Orchard Peaches
125				2.6	41.0	
50				3.6	40.0	
T.P.	1.591	41.491	3.710		39.900	5' R from 125+50
126				2.6	38.9	
50				4.2	37.3	
127				6.6	34.9	
50				7.7	33.8	
	36.372		15.337			

Copied from Level Book #8, page 42

0640

E Sta	Location +S	HI	-S	Int	Elev
	36.372	41.491	15.337	15.337	
128				9.7	31.8
T.P.	3.109	35.602	8.998		32.493
128+50				5.1	30.5
129				5.8	29.8
TP	11.354	34.056	5.900		29.702
129+50				4.9	29.2
130				5.1	29.0
50				4.6	29.5
131				3.6	30.5
50				2.9	31.2
132				1.3	32.8
T.P.	5.710	37.995	1.771		32.285
132+50				4.2	33.8
133				3.6	34.4
50				2.5	35.5
134				2.4	35.6
T.P.	4.104	39.419	2.680		35.315
50				4.1	35.3
	53.149		34.686		

Fence 130+54 - Almond Trees

6' R from 132

Copied from Level Book #8, page 43

0641

Copied from Level Book #8, page 42

Sta	Location +S	HI	−S	Dist	Elev
	53.649	39.419	34.686		
135				4.9	34.5
TP	3.756	37.805	5.370		34.049
50				3.9	33.9
136				4.5	33.3
50				4.0	33.8
137				4.5	33.3
50				5.5	32.3
TP	3.676	37.725			34.049
T.P.	1.268	31.862	7.131		30.594
TP	3.749	31.623	3.988		27.874
TP	2.244	26.184	7.683		23.940
BM			7.150		19.034
TP	7.014	43.065			36.051
BM			3.768		39.297
					39.258

Fence
July 18 1936

.129 Error At oak Tree 150' R from 147

At St 120

At dead Eucalyptus Tree 20' R from 121+70

Error .039

0642

Sta	+S	HI	-S	Int	Elev	
BM	5.221	44.538			39.258	On Eucalyptus Tree 121+70
TP	2.580	42.502	4.616		39.922	5' R from 121+70
TP	3.120	35.635	9.987		32.515	
T.P.	4.037	33.763	5.909		29.726	
TP	5.424	37.748	1.439		32.324	6 R from 132
TP	4.436	39.787	2.397		35.351	
T.P.	3.463	37.554	5.696		34.091	
TP	2.161	32.789	6.926		30.628	
TP	4.760	29.483	7.766		25.023	
TP	3.348	31.208	1.623		27.860	
	1.891	25.809	7.290		23.918	
BM			6.793		18.957	Ot Oak Tree 150' R from 147
					18.905	052
	40.141		62.442			

Copied from Level Book 18, pages 43

0643

Level notes on base of Rail
Brighton to Florin Sta 0+00 = Brighton

Sta	FS	HI	−S	Int	Elev
31 W				2.87	
31 E				2.82	
32 W				2.96	
32 E				2.87	
33 W				2.92	
33 E				2.85	
34 W				2.87	
34 E				2.83	
35 W				2.96	
35 E				2.91	
Average	2.886	50.456			47.57
BM	2.959	49.868	3.547		46.909
36 W				2.56	47.30
36 E				2.46	47.41
37 W				2.62	47.25
37 E				2.55	47.32
38 W				2.62	47.25
38 E				2.56	47.31
39 W				2.75	47.12

on Western Division SPTo Sheet Tom
49
July 20 1915
B.C.

Elevation assumed at 1.35 above profile grade
Plug at Telegraph pole 40' W from 34+56
Elevation carried from base of Rail.

0644

Base of Rail Main Line Brighton to Flush

Sta	+S	HI	-S	Int	Elev
	3.895	49.868	3.547		
39 E				2.69	47.18
T.P.	.850	47.975	2.743		47.125
40 W				1.05	46.92
40 E				0.96	47.01
41 W				1.27	46.70
41 E				1.21	46.76
42 W				1.52	46.45
42 E				1.48	46.49
43 W				1.76	46.21
43 E				1.71	46.26
44 W				2.05	45.92
44 E				2.00	45.97
T.P.	2.330	48.344	1.961		46.014
45 W				2.63	45.71
45 E				2.57	45.77
46 W				2.87	45.47
46 E				2.83	45.51
47 W				3.01	45.33
	9.025		9.251		

0645

Base of rail Main Line Brighton to Elora

Sta	+S	HI	-S	HI	Elev
	9.025	48.344	8.251		
47E				2.94	45.40
48W				3.13	45.21
48E				3.04	45.30
49W				3.12	45.22
49E				3.04	45.30
TP	2.980	48.220	3.104		45.240
50W				2.94	45.28
50E				2.88	45.34
51W.				2.96	45.26
51E.				2.90	45.32
52W				2.98	45.23
52E				2.90	45.32
53W				3.03	45.19
53E				2.95	45.27
54W				3.00	45.22
54E				2.97	45.25
TP	2.515	47.962	2.973		45.247
55W				2.64	45.12
	14.520		14.328		

57

0646

Base of Rail Main Line Brighton to Flatiron

Sta	+5	47	-5	Inv	Elev
	14.520	47.762	14.328		
55E				2.56	45.20
56W				2.68	45.08
56E				2.59	45.17
57W				2.60	45.16
57E				2.52	45.24
58W				2.47	45.29
58E				2.37	45.39
59W				2.31	45.45
59E				2.23	45.53
60W				2.18	45.58
60E				2.10	45.66
T.P.	3.455	49.032	2.185		45.577
61W				3.25	45.78
61E				3.20	45.83
62W				3.18	45.85
62E				3.13	45.90
63W				3.01	46.02
63E				2.95	46.08
	17.975		16.513		

52

E.C. 62+72

0647

Basement Rail Main Line Brighton Main Floor in

Sta.	+S	H.I.	-S	Int.	Elev.
	17.975	49.032	16.513		
64				2.78	46.25
65				2.65	46.38
BM	6.328	49.635	5.725		43.307
66				3.30	46.33
67				3.34	46.29
68				3.41	46.22
69				3.50	46.13
T.P.	3.091	49.293	3.433		46.202
70				3.21	46.08
71				3.26	46.03
72				3.27	46.02
73				3.36	45.93
74				3.46	45.83
75				3.52	45.77
76					
	27.394		25.671		

53

P.I. = 651 24.25

Elev on P line = 399 66. Obs. 272+26

0648

Base of Rail Main Line Brighton To Flowin

Sta	+S	+Z	-S	Sat	L
BM	4.532	51.441			46.909
30W				3.83	47.61
30E				3.80	47.64
29W				3.76	47.68
29E				3.74	47.70
T.P.	4.553	52.218	3.776		47.665
28				4.49	47.72
27				4.41	47.80
26				4.33	47.89
25				4.27	47.94
24				4.27	47.94
23				4.16	48.05
T.P.	4.270	52.293	4.145		48.073
22				4.07	48.22
21				3.85	48.44
20				3.62	48.67
19				3.38	48.91
18				3.15	49.14

0649

Base of Rail Main Line Brighton to Florin

Sta	+S	HI	-S	Int	Elev
		52.293			
17				2.88	49.41
16				2.58	49.71
T.P.	3894	53.644	2.523		49.770
15				3.71	49.93
14				3.44	50.20
13				3.11	50.53
12				2.80	50.84
11				2.57	51.07
10				2.38	51.26

0650

"E" Re Cross sections of Fill from Dredger #5

July 23 1906 P. Buttler Geo. Reed

56

Sta	+S	HI	−S	Int	Elev.	
BM	13.416	23.353			9.937	Spike in post on tree 50' R from Sta 475+90.
T.P.	12.490	34.364	1.979		21.874	
T.P.	4.713	32.235	6.842		27.522	Near 474+25.
468				4.8	27.4	
+50				4.9	27.3	
469				3.6	28.6	
+50				3.0	29.2	
470				2.7	29.5	
50				4.2	28.0	
471				4.4	27.8	
+50				3.8	28.4	
472				4.5	27.7	
+50				5.0	27.2	
473				4.3	27.9	
+50				5.4	26.8	
474				5.7	26.5	
+50				5.6	26.6	
475				2.9	29.3	B.C.

0651

"E" Re Cross sections of Fill from Dredge "S"

July 24. 57

Sta.	+S	HI	−S	Int	Elev	
T.P.	4.405	31.927			27.522	New 476+95.
475+30				2.6	29.3	
60				2.2	29.7	
90				2.7	29.2	
476+20				2.1	29.8	
476+50				2.5	29.4	CC
477				3.9	28.0	
50				3.8	28.1	
478				3.4	28.5	
50				3.1	28.8	
479				2.8	29.1	CC
30				2.8	29.1	
60				3.2	28.7	
90				3.6	28.3	
480+20				3.5	28.4	
T.P.	4.263	32.903	3.287		28.646	
+50				4.5	28.4	
481				3.9	29.0	
+50				6.1	26.8	

0652

Sta	+S	HI	-S	Int	Elev
T.P.	5.16	32.68			28.52

0653

X. Line Levels

Sta	+S	HI	-S	Int.	Elev	
B.M.	8.670	17647			13.977	
90+15				3.7	13.9	On center of Electric Line
90+15				3.6	14.0	Point of Intg.
90				3.8	13.8	
89+50				3.6	14.0	
89				3.5	14.0	
88+50				3.6	14.0	
88				4.1	13.5	
87+70				3.9	13.8	Fence line Sunnystone
87+50				3.9	13.8	
87				4.6	13.0	
86+50				4.9	12.7	
86				4.5	13.0	
+50				5.0	12.6	
85+00				4.8	12.8	
84+81				5.1	12.5	Fence Line
84+50				9.0	9.6	Edge of drainage canal → Sta 2+63
T.P.	5.610	17337	5.920		11.727	2' W. Sta. of Chicken House
84+20				5.4	11.9	

0654

Sta	+S	HI	-S	Int	Elev
83+93		17.337		4.9	12.4
83+50				4.8	12.5
83				4.9	12.4
+50				4.8	12.5
82				4.7	12.6
△ 81+84 ±				4.5	12.8
81+50				4.1	13.2
△ 81+42				4.1	13.2
81				3.1	14.2
△ 80+84 ±				2.7	14.6
+50				2.0	15.3
80				4.5	12.8
T.P.				4.51	
10+00					
50					
11+00					

B.C. 16.8

S.W. Corner packing Shed
Elec. Floor of Packing House 22.30 (obtained with Hudson's levels)

△ W. Corner packing Shed

0655

Z. Line Leveles

Sta	+S	HI	-S	Int	Elev	
T.P.	5.860	17.587			11.727	24 ft. S.W. of Chicken House
△ 0+00				5.8	11.8	P.I. = X84+20.8
+50				5.2	12.4	
△ +56				5.3	12.3	Pt of Frog
△ +70 35				5.1	12.5	B.C.
1+00				5.2	12.4	
+50				5.1	12.5	
2+00				4.9	12.7	
+50				5.0	12.6	
△ 3+00				5.3	12.3	
T.P.	6.040	18.415	5.212		12.375	
3+06				6.2	12.2	Fence Line
3+50	See page 65			7.5	10.9	
4+00	for notes from			6.5	11.9	
△ 4+34 03	Sta 2+00 to 6+50			6.3	12.1	
+50				6.7	11.7	
4+75				7.4	11.0	Fence Line
5+00				6.4	12.0	
+50				4.3	14.1	

0656

Sta	+S	HI	-S	Int	Elev
6+00		18.45		4.3	~~14.1~~
+50				4.6	13.8
7+00				5.1	13.3
+50				5.1	13.3
8+00				5.6	12.8
+50				5.1	13.3
9+00				5.5	12.9
+50				5.1	13.3
10+00				5.4	13.0
T.P.	~~1.020~~	18.895	6.420		17.375
3+11		See page 65 for Corrected Nos		5.7	13.2
3+				7.1	10.8
3+30				7.9	11.0
3+36				7.7	11.2
3+43				6.8	12.1

For 2 line continued see page 63

Drainage Canal between Sta 3+00 and 3+50 showing breaks

0657

Sta	+S	HI	-S	Int	Elev	
2 line						
84+81	Fence line				12.6	Rails on Electric line. 35' high opp
84+76					11.3	Station E122. Got by lining down at end
84+74					11.4	of car rail. Top rail .35 of 90°15.6
84+71					9.3	Elev of base of rail at end of track 18.3
84+68					7.7	Edge of water.
84+61					7.3	centre of canal. water depth = 0.4 9/12/04
84+54					7.7	Edge of water
84+51					9.3	
84+50					9.6	
84+44					11.0	Top of Bank.
z line from 10+00 to 19+00						
10+00		42	17.2		13.0	
50				44	12.8	
11+00				4.2	13.0	
50				4.6	12.6	
12+00				4.6	12.6	
50				4.6	12.6	
13+00				4.7	12.5	
50				4.7	12.5	
14+00				4.8	12.4	
412				4.4	12.8	Fence

0658

"X"

Sta	+S	HI	-S	Int	Elev			

Z line Re Levelled From [illegible]

Sta	+S	HI	-S	Int	Elev	
XBM	3.800	17.77[illegible]	[illegible]7		13.977	
T.P.	5.960	17.717	6.020		11.757	
2+00				4.9	12.8	
+50				5.1	12.6	
3+00				5.3	12.4	
+08				5.6	12.1	Fence
+12				6.5	11.2	
+15				8.7	9.0	water edge
+20				9.0	8.7	ctr of drainage canal water slightest
+30				8.8	8.9	water edge
+35				7.9	9.8	Fence
+50				6.7	11.0	
4+00				5.7	12.0	
54				5.6	12.1	E.C.
+50				6.0	11.7	
+80				6.3	11.4	
5+00				5.7	12.0	
5+50				3.6	14.1	
6+00				3.6	141	

2+00 to 6+00 To show breaks at Drainage canal.

N.F. fence E of road opposite X.S.

P.I. of X-S Line

0660

X Line Drainage Cond

Sta	+S	HI	-S	Int	Elev
Water Surface		~~17.13~~		~~1.00~~	
PI Y 12	5.1	16.837			11,754
Hi pt under				2.9	14.0

Levels on Spur for Elec. Locomotive

	6.860	19.392			12.532
0+56	SL	4.71	L of Z. 4+00.	4.04	14.8
0+78				4.4	12.0
1				7.2	12.2
+25				8.0	11.4
+50				7.5	11.8
+80				5.1	14.3

Water depth = 0.4

Base Rail. 15.35

Toe of Embankment B.R. 15.13 4' Right

B.R. 14.89 14' Rt

B.R 14.61 76.4 Right

Elev. floor Hog Shed. 15.14

0661

Levels on K LINE from Riverside Road Elec: LINE to connect with K. LINE

Jan 14/08

67

Sta	+S	H.I.	-S	Int	Elev
BM.	5.220	23.910			18.680
0+00				6.70	17.70
0+73.8				6.70	17.70
1				5.6	18.3
2				5.6	18.3
3				6.3	17.6
+17				6.0	17.9
+25				4.5	19.4
+50				4.2	19.7
4				4.3	19.6
+50				5.3	18.6
5				5.6	18.3
+50				5.7	18.2
6				5.9	18.0
7				7.2	16.7
8				7.8	16.1
T.P.	5.16	22.350		6.720	17.190
9				6.0	16.4

Abandoned

H.B. to West track. Base Rail.

Δ 4.71 L of Elec R.y Base Rail

Riv: Road

Riv: Road

For "H" LINE see pp 69-70

0662

N LINE

Sta	+S	HI	-S	Int	Elev
10		22.350/4		5.0	17.4
11				4.8	17.6
12				4.9	17.5
13				6.1	16.3
14				6.3	16.1
15				8.0	14.4
16				8.5	13.9
17				8.8	13.6

Abandoned

0663

"H." LINE Levels on H. LINE from Pt on Siding at Sta 1124+50 to Connect with N LINE from Riverside R.R. 69

Sta	+S	HI	-S	Int	Elev
15		22.350		11.9	10.5
14				11.2	11.7
13				9.9	12.5
12				9.4	13.0
11				9.0	13.4
10				7.8	14.6
9				6.3	16.1
	+50			6.7	15.7
8				6.5	15.9
	+50			5.9	16.5
7				5.1	17.3
	+50			5.1	17.3
6				5.0	17.4
	+50			4.9	17.5
5				4.9	17.5
	+50			5.2	17.2
4				5.5	16.9
	+50			5.5	16.9

Abandoned

End of LINE

For N LINE See pp 67-68.

Jan 14/99

0664

Jan 14/08

H' Levels on H LINE from

Sta	+S	HI	-S	Int	Elev
3		22.350		5.1	17.3
+50				5.7	16.7
2				5.3	17.1
+50				5.1	17.3
1					
0+78.4 = Δ 17.71 L of 124+28.4				4.1	18.3
0+00 = Δ 13' L of 124+50				3.2	19.2

Abandoned

Cont at 124+50 to connect with N LINE from Riverside R.170

H.B. to Spur on Siding

0665

"B" Line Connecting Elec.

Sta	+S	HI	-S	Tot	Elev.
119+22.22		23.590	Base Rail		17.70
119+96.02 = Δ 71 L of Elec R.R.					17.70
120+50			5.3		18.3
121			5.2		18.4
+75			5.2		18.4
122			5.6		18.0
+25			6.0		17.6
+50			4.2		19.4
123			4.0		19.6
+50			4.9		18.7
124			4.7		18.9
125			5.2		18.4
+50			5.8		17.8
126			6.3		17.3
+50	Δ 17.71 L of 126+50		6.6		17.0
127+28.4	Δ 13 L of 127+28.4		6.4		17.2

R.R. Riverside R.R. with E Line

71

Jan 17/08

= H.B. West Track. Elec. R.R.

Base Rail.

Abandoned

Frog P.t on Siding

Head Block on Siding

0666

"R" Line Connecting Riverside Elec Road with 13 Siding 72

Feb 17/08

Sta	+S	HI	-S	Int	Elev	
X 119+20.51		5.35		6.3	18.68	H.B to Spur on Elec. Line West Track
		24.03			17.70	- Base Rail.
R 119+94.31 }				6.3	17.70	" "
X 119+94.31 }						
120				5.8	18.2	Copied into Level Book number 8. Page 44.
	+50			5.8	18.2	10/19/11
121				5.7	18.3	
	+50			5.7	18.3	
122				6.1	17.9	
	+30			6.3	17.7	
	+50			4.7	19.3	
123				4.4	19.6	
	+50			5.7	18.8	
124				5.7	18.8	
125				5.8	18.7	
126				7.0	17.0	
127				7.5	16.5	
128				7.3	16.7	
129				6.9	17.1	
130				6.8	17.2	

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Feb 17/08.
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"R" Line (Cont.d).

Sta	+S	HI	-S	Int	Elev
131		24.03		7.1	16.9
132				7.8	16.2
132+94				9.0	15.0
Δ 17.71 L of 123+00.					
R 133+72.4 Δ 13 L of 123+78.4 H.B.				9.4	14.6

Copied into Level Book number 8. Page 44.
1.d.19/11. P.M.

point of H.B on Siding

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Levels on Extension of Riverside Road Elec. Road. Aug 22/08

Sta	+S	HI	-S	Int	Elev	
BM.	3.95	23.30			19.350	
64				5.80	17.50	Bore Rail Elec. Road
65				5.70	17.60	"
66				5.40	17.90	"
67				5.40	17.90	"
68				5.30	18.00	"
69				5.10	18.20	"
70				5.93	17.37	"
	4.78	24.13			19.350	
71				7.40	16.73	Bore Rail
72				6.55	17.58	"
73				5.88	18.25	"
74				5.76	18.37	"
75				5.68	18.45	"
76				5.66	18.47	"
77				5.78	18.35	"
78				5.85	18.28	"
79				5.92	18.21	"
79+20.4				5.92	18.21	End of Track

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